



CORRY MICRONICS, INC.



The RFI Filter Specialists

*"Where Creative Imagination Joins
The Finest In Engineering"*

Ceramic Feed-thru Capacitors offer an inexpensive way to isolate circuitry and suppress interference. Capacitive elements are available in either tubular or discoidal construction. Discoidal capacitors, although more expensive, eliminate the minor resonate dips that

may occur with the tubular types. Mounting packages include both threaded and solder-in bushings.

Units can be manufactured to customer specifications and designed to meet the requirements of Mil-C-11015 and Mil-C-39014.

Resin Sealed Feed-thru Capacitors

DIMENSIONS (X.XX) = MILLIMETERS UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.01 "	PART NUMBER	CAPACITANCE pF	CAPACITANCE TOLERANCE	WORKING VOLTS DC * 25° C	DC CURRENT AMPS	TYPICAL NO LOAD INSERTION LOSS (dB) AT 25° C PER MIL-STD-220			
						1 MHz	10 MHz	100 MHz	1 GHz
<p>1/4-28 UNF-2A THREAD</p>	FT2-01-802Z1KV	8000	+80% -20%	1000	10	-	20	35	55
<p>8-32 UNC-2A THREAD</p>	FT3-01-100K FT3-01-102M FT3-01-152M FT3-01-302M	10 1000 1500 3000	$\pm 10\%$ $\pm 20\%$ $\pm 20\%$ $\pm 20\%$	200 200 200 200	10 10 10 10	- - - -	- 5 5 10	- 20 25 30	5 28 30 42
<p>12-32 UNF-2A THREAD</p>	FT10-03-471M FT10-03-252M FT10-03-302P	470 2500 3000	$\pm 20\%$ $\pm 20\%$ $\pm 100\%$ -0%	500 500 500	15 15 15	- - -	- 8 10	12 28 30	24 40 42
<p>4-40 UNC-2A THREAD</p>	FT12-03-102P FT12-03-302P	1000 3000	+100% -0% +100% -0%	100 100	10 10	- -	5 10	20 30	28 42
<p>SOLDER MOUNT</p>	FT13-03-101P FT13-03-102P FT13-03-502P	100 1000 5000	+100% -0% +100% -0% +100% -0%	100 100 100	5 5 5	- - -	- 5 15	5 20 35	20 28 42
<p>5/16-24 UNF-2A THREAD</p>	FT16-01-252M FT16-01-502P	2500 5000	$\pm 20\%$ $\pm 100\%$ -0%	1000 1000	25 25	- -	8 15	28 35	40 42
<p>8-32 UNC-2A THREAD</p>	FT20-03-501M	500	$\pm 20\%$	100	10	-	-	15	25

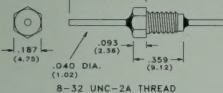
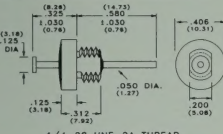
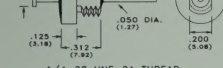
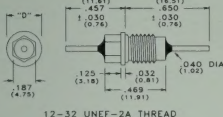
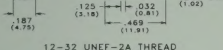
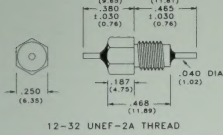
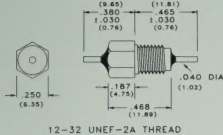
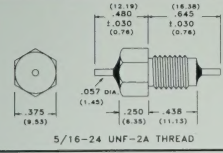
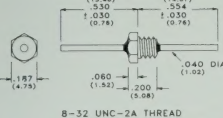
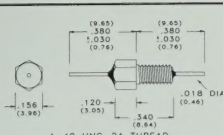
* Derate working voltage by 50% when operated at 125°C.

Other values/variations available, please call our sales department for details. Mounting hardware supplied at extra cost.

RFI Filters normally consist of either tubular or discoidal ceramic capacitors and ferrite elements in a "Pi" (2 capacitors and a ferrite) or an "L" (one capacitor and ferrite) configuration. Although more expensive than feed-thrus, these units offer much

higher isolation values and steeper isolation vs. frequency slopes. These units can also be manufactured to customer specifications and to meet the requirements of MIL-F-15733.

Resin Sealed RFI Filters

DIMENSIONS (X.XX) = MILLIMETERS UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE .015"	PART NUMBER	TYPE	CAPACITANCE pF	CAPACITANCE TOLERANCE	WORKING VOLTS DC * 25°C	DC CURRENT AMPS	MINIMUM NO LOAD INSERTION LOSS (dB) AT 25°C PER MIL-STD-220			
							1 MHz	10 MHz	100 MHz	1 GHz
 8-32 UNC-2A THREAD	FTF3-02	Pi	1500	MIN.	200	10	-	5	42	70
 1/4-28 UNF-2A THREAD	FTF4-02-153P	L	15000	+100% -0%	100	15	5	25	42	70
 1/4-28 UNF-2A THREAD	FTF4-02-145P	L	1.4 µF	+100% -0%	100	15	40	60	70	70
 12-32 UNF-2A THREAD	FTF9-01 "D" = .235	Pi	5000	MIN.	200	10	-	20	50	65
 12-32 UNF-2A THREAD	FTF9-02 "D" = .250	Pi	5000	MIN.	200	10	-	20	50	65
 12-32 UNF-2A THREAD	FTF10-02	Pi	5500	MIN.	200	10	-	20	50	65
 12-32 UNF-2A THREAD	FTF10-03	Pi	5500	MIN.	200	10	-	20	50	65
 5/16-24 UNF-2A THREAD	FTF12-06	Pi	2500	MIN.	500	25	-	7	48	60
 8-32 UNC-2A THREAD	FTF20-08	Pi	1000	MIN.	100	15	-	5	42	65
 4-40 UNC-2A THREAD	FTF21-02	Pi	1500	MIN.	50	5	-	5	42	65

* Derate working voltage by 50% when operated at 125°C.

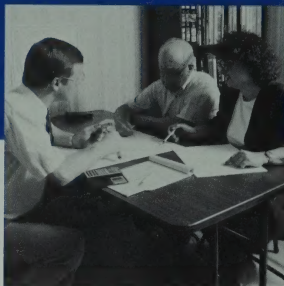
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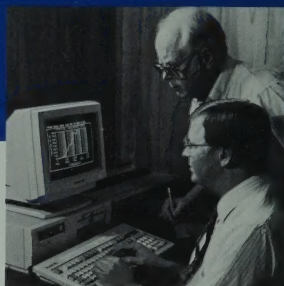
CORRY MICRONICS, INC.

*The Quality Oriented
Company
...Since 1970*

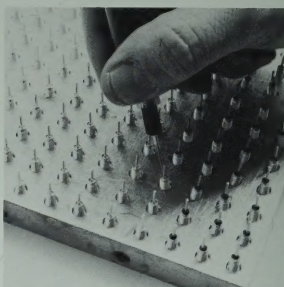
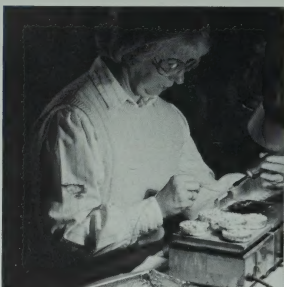
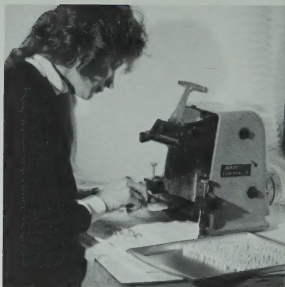
*From start to finish
our Quality Control
System complies
with Mil-I-45208A...*



It begins with the careful review of customers specifications...



Engineering then determines the proper design and manufacturing process...



Conscientious production workers perform the operations to the process specifications established, while in-process Quality Control continuously monitors the operations...



The process and final inspection, using the most advanced methods, assures complete conformance to customers specifications.

*We are focused on customer success
through the process of total quality.*

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